

Accelerated MS Program Sample Schedule

Year 1

Fall

Course Code	Course Number	Credit Hours	Course Name
CHEM	192	2	Introductory Seminar
CHEM	120	4	Modern Chemistry
CHEM	121	1	Modern Chemistry Lab
AUCC3B	100	3	Arts and Humanities
AUCC3E	100	3	Diversity and Culture
CO	150	3	Composition

Spring

Course Code	Course Number	Credit Hours	Course Name
MATH	160	4	Calculus I
CHEM	241	4	Organic Chemistry
CHEM	242	1	Organic Chemistry Lab
CHEM	263	4	Inorganic Chemistry
CHEM	264	1	Inorganic Chemistry Lab

Year 2

Fall

Course Code	Course Number	Credit Hours	Course Name
PH	141	5	Physics I
CHEM	231	3	Analytical Chemistry
CHEM	232	2	Analytical Chemistry
MATH	271	4	Applied Math for Chemists I

Spring

Course Code	Course Number	Credit Hours	Course Name
PH	142	5	Physics II
CHEM	321	4	Chemical Biology
CHEM	322	1	Chemical Biology Lab
MATH	272	4	Applied Math for Chemists II

Year 3

Fall

Course Code	Course Number	Credit Hours	Course Name
CHEM In-Depth	300	4	Upper-Division Chemistry
CHEM	371	4	Physical Chemistry
CHEM	372	1	Physical Chemistry Lab
CHEM	498	3	Research
CHEM	301	3	Advanced Composition

Spring

Course Code	Course Number	Credit Hours	Course Name
CHEM In-Depth	400	5	Upper-Division Chemistry
CHEM	498	3	Research
CHEM	322	1	Chemical Biology Lab
ELECTIVE	100	3	Elective
CHEM or other	300	3	Chemistry or Advanced Elective

Year 4

Fall

Course Code	Course Number	Credit Hours	Course Name
CHEM	498	3	Research
CHEM or other	300	3	Chemistry or Advance Elective
CHEM or other	300	3	Chemistry or Advance Elective
AUCC3B	100	3	Arts and Humanities
ELECTIVE	100	3	Elective

Spring

Course Code	Course Number	Credit Hours	Course Name
CHEM	493 or 499	2	Senior Seminar or Thesis
CHEM	498	3	Research
AUCC3C	100	3	Social and Behavioral Sciences
AUCC3D	100	3	Historical Perspectives
ELECTIVE	100	6	Elective

Year 5

Fall

Course Code	Course Number	Credit Hours	Course Name
CHEM	500	9	Grad Courses
CHEM	698	5	Research
CHEM	793	1	Seminar

Spring

Course Code	Course Number	Credit Hours	Course Name
CHEM	500	6	Grad Courses
CHEM	698	5	Research
CHEM	793	1	Seminar
ELECTIVE	500	3	Elective